**From:** Brescia, Nicolas

**Sent:** Thursday, September 21, 2017 7:01 AM

**To:** Mason, Steve

**Subject:** FW: WWTPs & MUDs: Hurricane Harvey Damage Assessments

## See below and advise



## Nicolas Brescia

US EPA Region 6 Federal On-Scene Coordinator (214) 665-2291 Work (214) 789-8383 Mobile Brescia.Nicolas@epa.gov

1445 Ross Avenue Suite 1200 Dallas, TX 75202 United States

From: McCasland, Mark

Sent: Wednesday, September 20, 2017 3:47 PM

To: Brescia, Nicolas; Benjamin Latham; Janine.Latham@WestonSolutions.com

Subject: FW: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Nic - does this need to be a FOIA request? The data would include locational data that was provided by TCEQ so that needs to be protected at some level.

Ben - I can work with you on developing a query to get the data for which they are asking once Nic approves.

From: Porter, Brent [mailto:bporter@csr.utexas.edu]
Sent: Wednesday, September 20, 2017 3:02 PM
To: McCasland, Mark < McCasland. Mark@epa.gov>

Subject: Re: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good Afternoon Mark,

This appears to be the kind of data we'd like to see - is the data available in a database table or in a spreadsheet table format? Or a spatial format that we could use in conjunction with the counties containing the WWTP and PWS locations?

Thanks for your assistance, Brent Porter Center for Space Research University of Texas, Austin From: McCasland, Mark < <a href="McCasland.Mark@epa.gov">McCasland.Mark@epa.gov</a> Sent: Wednesday, September 20, 2017 1:33:26 PM

To: Porter, Brent

Cc: Leticia Deleon; Brescia, Nicolas; Abel Garcia; paul.buschow@tceq.texas.gov; Benjamin Latham;

Janine.Latham@WestonSolutions.com

Subject: Re: WWTPs & MUDs: Hurricane Harvey Damage Assessments

## Good afternoon Brent.

For our field assessments at WWTP and PWS, we used the attached forms. All of the data our teams collected is in EPA's Response Manager (RM) which the state (TCEQ) also used to input all assessments including those conducted by phone, email or field. We consider RM our database of record for our DW and WWTP assessments.

The systems in RM including the county, facility ID, name, damage level categories, etc. The PWS have locational data, but the WWTP locational data is not as complete in RM.

Please note that there will likely be minimal field assessment data from the Alpha and Charlie Branches of the response as all of our field work was conducted by the Bravo Branch which encompasses TCEQ Region 12's counties (Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, Wharton). The counties of Bastrop, Fayette and Lee were included in the Bravo Branch but were covered by TCEQ's Region 11 office (Austin).

A quick check of RM on the DW side shows assessments of any kind for 4 MUDs in the Corpus Christi Region, 456 in the Houston Region and 7 in the Beaumont Region.

Is this the type of data needed? Something different? Please let me know so we can help you the best we can.

## Thanks,

Mark McCasland US EPA Region 6 Drinking Water Section (6WQ-SD) (214) 665-8088 (w)

From: Paul Buschow

Sent: Tuesday, September 19, 2017 4:22 PM

<Tom.Nuernberger@tceq.texas.gov>; Conrad Schaefer

<conrad.schaefer@tceq.texas.gov>; Nancy Vignali <nancy.vignali@tceq.texas.gov>; Kent

Steelman < kent.steelman@tceq.texas.gov >; Charles Brown

<charles.brown@tceq.texas.gov>; Michelle Tischler <michelle.tischler@tceq.texas.gov>

**Cc:** Brent Porter @ CSR < booter@csr.utexas.edu >; Elayne Barber

<elayne.barber@tceq.texas.gov>; Ivan Wong <Ivan.Wong@Tceq.Texas.Gov>

Subject: WWTPs & MUDs: Hurricane Harvey Damage Assessments

Good day,

Brent Porter over at CSR (Center for Space Research, UT), working with Dr. Gordon Wells, is trying to get some damage assessment data for waste water treatment plants (WWTP) and/or MUDs. They are looking for any info we may have on WWTPs or MUD damage assessments by county, or a list of the names of the affected sites or MUDs.

CSR is working with GLO and the Governor's Office on a web-based site to roll-up the damage assessments.

If you have any specific questions for Brent, he is on the CC line.

Thank you all for any information you may have that you can share.

-Paul

Paul Buschow, GISP GIS Work Lead IRD/ESS/Enterprise Reporting & GIS Team (ER-GIS) Texas Commission on Environmental Quality (512) 239-2152 fax: (512) 239-0888 paul.buschow@tceq.texas.gov

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